

### **REMARKS**

Applicant thanks the Examiner for the thorough consideration given the present application. Claims 1-17 are currently being prosecuted. The Examiner is respectfully requested to reconsider his rejections in view of the remarks as set forth below.

#### **Entry of Response**

Applicant submits that the present response should be entered into the official file since no amendments are being made and only remarks are being submitted. Accordingly, entry of this response and full consideration thereof is respectfully requested.

#### **Rejection Under 35 USC 103**

Claims 1-17 stand rejected under 35 USC 103 as being obvious over Iwaki (U.S. Patent 6,567,097) in view of Fujimoto (U.S. Patent 5,479,183). This rejection is respectfully traversed.

As indicated in the specification, the present invention is a system that is designed to allow a computer to be used to watch television without loading the operation system (OS) onto the computer. Under conventional systems, before the television can be started, it is necessary to load the OS, which takes some time. The present invention avoids this arrangement by allowing the basic input/output system (BIOS) to determine that a TV signal is being input and that it is not necessary to load the OS in order to display this signal. Thus, claim 1 describes the steps of the BIOS obtaining a power-on signal, obtaining a channel-selection signal, obtaining a video signal, capturing the video signal and driving the display by the BIOS.

The Examiner states that Iwaki discloses all of the claimed subject matter including obtaining a power-on signal, obtaining a channel-selection signal (satellite turner 13), obtaining a

video signal (also the satellite tuner 13) and capturing the video signal by the DVD decoder 15. The Examiner admits that Iwaki does not disclose obtaining a power-on signal by the BIOS and driving a display by the BIOS.

The Examiner relies on Fujimoto to teach that the CPU 11 controls the entire operation of the computer system and that the system control program includes a BIOS having at least three routines. The Examiner feels that it would have been obvious to one of ordinary skill in the art to incorporate the BIOS performing an initialization process as taught by Fujimoto into the Iwaki system in order to allow selective connection of various optical displays. Applicant submits that the present claims are not obvious over this combination of references.

As mentioned above, the key feature is that the steps in the method are executed directly by a BIOS without an operating system being installed or loaded. This means that the procedure of distinguishing between the TV selection signal and an operation selection signal is executed by the BIOS, depending on what kind of power-on signal is obtained by the BIOS. This is described in the present specification and seen in Fig. 3. Thus, the main effects of the BIOS in the present invention are to 1) distinguish between the two input signals so as to trigger different functions; and 2) executing the TV function without entering the operating system.

The Iwaki device is concerned with a display control apparatus used as a display monitor for a computer. As is well known, the normal procedures of a computer start-up include 1) a power-on procedure; 2) a BIOS procedure; 3) an OS procedure; and 4) an AP procedure. Iwaki states at Col. 6, lines 36-42 that the CPU controls the operation of the entire system and executes an operating system, and an application program which is stored in the main memory. Data recorded on a DVD-ROM medium are transferred and played back by making CPU 11 execute various driver programs for hardware control and a DVD application program. This means that the whole procedure of the method of Iwaki must be executed under the control the CPU after executing an operating system. Therefore, Iwaki does disclose an operating system. Accordingly, Applicant does not agree with the Examiner's rejection since it is clear that Iwaki requires the operating system to be loaded. The Examiner has submitted that Iwaki does not

teach the steps of obtaining a power-on signal by a BIOS and driving a display by the BIOS. Applicant agrees that Iwaki does not provide a distinguishing procedure between the two signals so as to trigger different functions and execute the TV function without wasting time by entering the OS.

In regard to the Fujimoto reference, Applicant agrees with the Examiner that an initialization and reliability test routine is executed upon the start of the power supply. Applicant also agrees with the Examiner's statement that it is possible to program some other routine in the initialization and reliability test routine to perform an automatic display selecting process. However, Applicant submits that it is not obvious to implement the BIOS to have a process of distinguishing between signals and to run different procedures according to what kind of signal is obtained since there is no indication that such an implement is desirable. This feature is at the heart of the present invention and is not hinted at in either Iwaki or Fujimoto. Thus, the combination of the two references still does not teach the concept of utilizing the BIOS to distinguish between the two different signals and to trigger different procedures thereby and to execute the TV function without entering the operating system. Further, Applicant submits that it would not be obvious to modify the test routine of Fujimoto's BIOS to include this procedure since there is no hint of the need to do so in either of the references. For these reasons, Applicant submits that claims 1-17 are not obvious over this combination of references.

Application No. 09/848,376  
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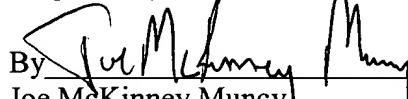
Docket No.: 3313-0315P

Conclusion

In view of the above remarks, it is believed that the claims clearly distinguish over the patents relied on by the Examiner, either alone or in combination. In view of this, reconsideration of the rejections and allowance of all of the claims are respectfully requested.

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Respectfully submitted,

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